BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Desilting and Repaires to SWD at Kodigehalli in Ward No.8, Kodigehalli

Job Code:- 008-18-000091

Estimate cost-10.00 Lakhs

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
1	KSRRB M200-12.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. MORTH Specification No. 202. (P.No. 139, I.No. 18.18 of PW,P&IWTD S.R 2018-19)								
	Dismntling of Coping Conrete	Cum							
	Chainage								
	Parikarma Centre For Learning		2	78.00	0.15	0.10	2.34		
							2.34	**699.42**	**1636.64**
							Basic rate	557.00	
				Loading and unloading with 20km lead (as per SR-2018-19)= 57+2.0x1.3x20				109.00	
							6% Area Weightage	33.42	
							Total	**699.42**	
2	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.143, I.No.19.1 of PW, P&IWTD SR 2018-19)								
	Desilting	Cum							
	Parikarma Centre For Learning		1	178.00	2.50	1.00	445.00		
							445.00	**252.49**	**112358.94**
							Basic rate	130.00	
					Loading and unloading with 20km lead= 57+2.0x1.28x20 = 108.2			108.20	
							6% Area Weightage	14.29	
							Total	**252.49**	
3	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13.(P.No.25, I.No.5.6 of PW, P&IWTD S.R 2018-19)								
	Chainage	Cum							
			2	78.00	0.45	0.45	31.59		
	Deductions								
	Chain Fencing Pole								
			-78	0.45	0.45	0.20	-3.16		
							28.43	**4871.76**	**138509.01**
							Basic rate	4596.00	
							6% Area Weightage	275.76	
							Total	**4871.76**	
4	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No.4.6 of PW,P&IWTD S.R 2018-19)								
	Chainage	Cum							
			2	78.00	0.45	0.10	7.02		
	Chain Fencing Pole								
		2	39	0.45	0.45	0.23	3.63		
	Deduction								
		2	-39	0.45	0.45	0.10	-1.58		

Sl. No.	Description of work	Unit	No.	Length m	Breadth m	Depth m	Quantity	Rate in Rs.	Amount in Rs.
							9.07	5747.32	52147.45
							Basic rate	5422.00	
							6% Area Weightage	325.32	
							Total	5747.32	
5	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (P.No.266 I.No.37.2 of PW,P&IWTD SR of 2018-19)								
	Chainage	m							
	Chain Link Fencing	2	39	2.00	--	--	156.00		
							156.00	910.54	142044.24
							Basic rate	859.00	
							6% Area Weightage	51.54	
							Total	910.54	
6	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (P.No.266 of I.No.37.3 in PW,P&IWTD S.R 2018-19)								
	Chain Link Fencing	m							
			2	78.00	--	2.00	312.00		
							312.00	757.90	236464.80
							Basic rate	715.00	
							6% Area Weightage	42.90	
							Total	757.90	
7	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. (P.No.266 I.No.37.4 of PW,P&IWTD SR of 2018-19)								
	Chain Link Fencing	m							
		2	3	78.00			468.00		
							468.00	432.48	202400.64
							Basic rate	408.00	
							6% Area Weightage	24.48	
							Total	432.48	
8							Total Construction Cost		885561.71
9							12% GST		106267.41
							Sub Total		991829.12
##							Miscellaneous and rounding off		8170.88
##							Total		1000000.00

TECHNICAL SANCTION
Accorded For Rs. Ten lakhs only
Head of Acc. P-3297
Div. Ref. No. 82 Date 01/02/19
AE
EE(BTP)
01/02

ADMINISTRATIVE APPROVAL
Accorded For Rs. Ten lakhs only
Head of A/c P-3297
Div. Ref. No. 52/18-19 Date 01/02/19
EE(BTP)
01/02

Certificate.

1 The rates adopted based on the PWD SR, Bangalore circle for year 2018-19.
2 The provisions made in the estimate are necessary and essential.
3 The workspot was inspected and work is found to be necessary.
4 The area comes within the Bruhat Bangalore Mahanagara Palike limits.

Assistant Engineer

Executive Engineer
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ
ಬೃಹಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

Assistant Executive Engineer
01/02